

# Dynamic Strain Amplifier

## >Model DN-AM100

As dynamic strain amplifier, it is designed and manufactured to be suitable for instrumentation control panel.  
Application sensor : Torque transducer, Load cell, strain gauge type sensors, mV output type sensors etc.

- Built-in single step filtering function
- Built-in automatic temperature compensating circuit
- Easy to adjust zero and span by volume

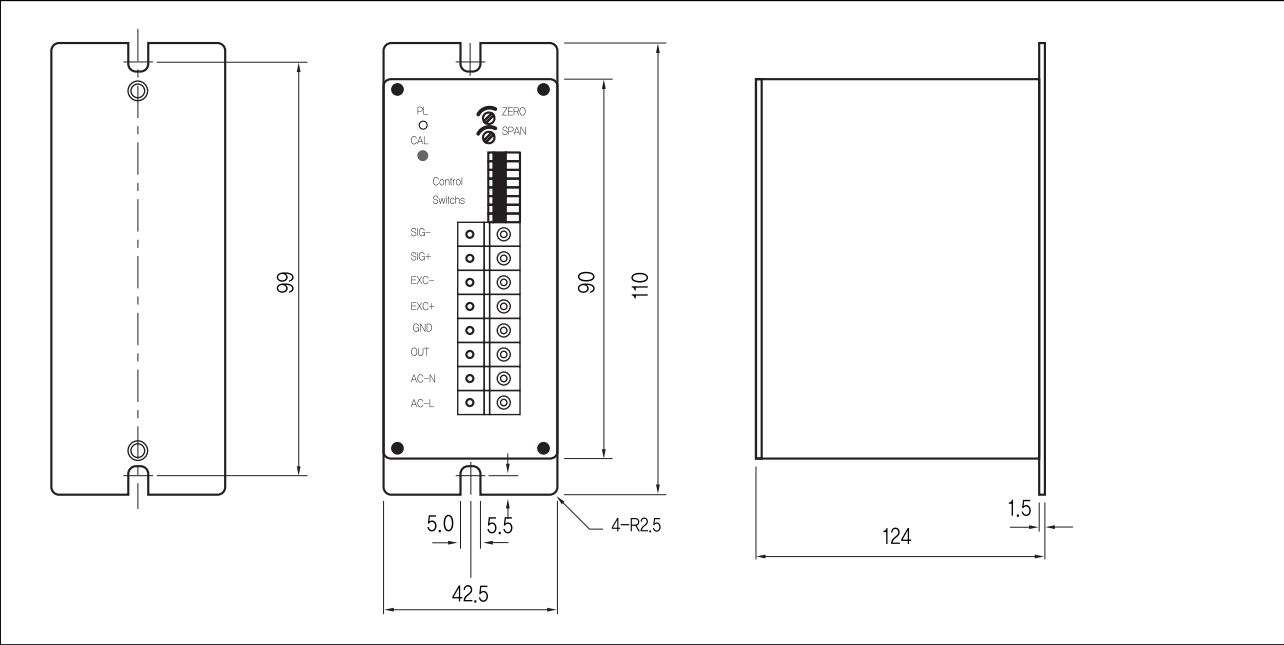


## >SPECIFICATIONS

Specifications	DN-AM100
Bridge voltage	Constant voltage DC 5V, 10V
Application Bridge resistance	100Ω ~1kΩ
Rated output	Voltage $\pm 10V$ , Load resistance more than 200Ω
	Current 4~20mA, Load resistance less than 300Ω
Zero adjustment range	10%, 10 rotations
Sensitivity adjustment range	1500 Multiplier
S/N rate	51dB
Answering frequency	DC~20kHz (−3dB)
Low pass filter	10Hz, 100Hz, 1kHz pass
Nonlinearity	0.02% F.S
Usage temperature range	−10℃ ~ 60℃
Humidity	Less than 80% RH (no dew condensation)
Supply power	AC 220V 50/60Hz (AC 110V available by internal operation)

## >DIMENSIONS

unit:mm



★Specifications are subject to change without notice.